CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
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1. Location.

The recently completed ball bearing factory is located in the outskirts of Diósd (Q48/H41) on the northern slope of Rachegy Mountain, on highway No. 21. The factory is connected by an industrial spur line with the Nagytétény stop of the HEV (Helyiérdekű Vasut, Budapest Suburban Railway).

2. Buildings.

The factory consists of the following buildings:

a. Two-story, reinforced concrete building, housing the administration and containing the apartment of the factory manager.

b. Single-story structure, containing the warehouses and the garage.

c. Single-story, reinforced concrete plant building, housing the forge and the ball and roller bearing and stamping shops. At the end of the building are the coke and coal bunkers.

d. Single-story concrete structure, housing the coarse and fine milling and grinding shops in the basement. The main floor contains the machining, grinding, ball case and roller ring shops. The quality control department of the entire factory is also located here.

e. Two-story structure. The basement houses the grinding and hardening shops. The main floor contains the lubricating, testing, control, and packing departments.

f. Single-story structure, housing the maintenance and repair shops and the heating plant.

25 YEAR RE-REVIEW

STATE	x	ARMY	x	NAVY	x	AIR	x	FBI		AEC		ORR Ev	x		

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

g. Transformer building.

h. Porter's lodge.

The factory has a central boiler house. The various buildings are interconnected by an industrial spur line.

3. Personnel.

a. Total number of employees is 384, including 345 workers. The workers are classified as follows:

Male skilled workers	166
Male helpers	19
Male apprentices	14
Female skilled workers	84
Female helpers	38
Female apprentices	24
Total	345

b. The technical personnel consists of Chief Engineer Janos Vékes, the deputy chief engineer, 2 designing engineers, 6 shop engineers, 14 foremen, and material testing engineers. The factory manager is Zoltan Gulyás, a former lathe operator at Csepel.

c. The factory is working in three shifts. The workers were trained by Austrian and Czech engineers and skilled workers. The Czech engineers are still at Diósd, while the Austrians have been transferred to the Ebes ball bearing factory currently under construction.

4. Products.

Types of ball and roller bearings which are either not produced elsewhere in Hungary or cannot be imported. The types of product currently manufactured are as follows:

a. Single-row ring bearings from 75 x 115 x 20 to 200 x 360 x 58 mm. in diameter in the following types: (1) with single shields, (2) with single grooving, and (3) with single shoulder.

b. Double-row ring bearings from 30 x 62 x 20 to 75 x 130 x 31 mm. in diameter in the following types: (1) with cylindrical bore, (2) with conic bore, (3) with sloping ball path, (4) with single shield, (5) with single ring grooving, and (6) with single shoulder.

c. Conic roller bearing from 60 x 110 x 22 x 19 x 24 x 23.5 to 150 x 270 x 45 x 38 x 50 x 48 mm. in diameter in the following types: (1) cylindrical bore, (2) conic bore.

d. Cylindrical and spring roller bearings from 40 x 60 x 85 x 210 x 60 x 20 x 170 x 115 to 91 x 115 x 155 x 395 x 110 x 33 1 320 x 225 mm. in diameter in the following types: (1) cylindrical bore, (2) conic bore, and (3) single shield.

e. Disk bearings from 45 x 65 x 14 to 180 x 250 x 56 mm. in diameter for single thrust.

f. Disk bearings from 45 x 35 x 73 x 37 x 9 to 120 x 100 x 210 x 123 x 27 mm. in diameter for double thrust.

g. Special-purpose cylindrical annular and disk bearings.

5. Production Plan.

a. Production is being carried on serially, and the products are tested at each stage of the operations. As a result, there are few rejects.

b. Under the production plan, the following output per 30-day periods is scheduled:

Specification[1]	Number	Tons
(1) Single-row ring bearings	10,000	3.7
(2) Double-row ring bearings	6,000	2.5
(3) Conic roller bearings	10,000	5.3
(4) Cylindrical and spring roller bearings	15,000	9.5
(5) Disk bearings	10,000	3.4
(6) Disk bearings	10,000	1.5

6. Raw Material.

a. Materials are supplied by the following enterprises:

Rákosi Mátyás Works: stretched and rolled steel sheet, tubes, ingots, and bars (electrosteel), forged to specifications; and stretched and rolled bronze sheet and bars.

Hungarian Steel Products Factory (Magyar Acélárúgyár): stretched and rolled steel ingots and bars forged to specifications.

Calibrating Works (Kaliber Müvek):finished calibrating instrumest.

Salgótarján Steel Works (Salgótarjáni Acélgyár): special-steel wires made to specifications and stretched and rolled special-steel bars made to specifications.

Lardoline: greases and lubricating oils.

Pécs Coke Works (Pécsi Kokszmüvek): coke and coal.

7. Customers.

The consumers of the finished products are:
Ikarusz Vehicle Body Works (Ikarusz Karoszéria Gyár), Budapest
Automobile Factory, Red Star Tractor Factory (Vörös Csillag Traktorgyár), Budapest
Ganz Railroad Car and Machine Factory (Ganz Vagon- es Gépgyár), Budapest
Trust of the Diósgyör Rolling Mills (Diósgyöri Hengermüvek Trosztje)
Tool and Machine Factory (Szerszám- es Gepgyár)
First Hungarian Agricultural Machine Factory (EMAG or Első Magyar Gazdasági Gépgyár)
Military Supply Depot (Honvedségi Anyagszertár), Daróczi-ut, Budapest.

8. The machine equipment originated in the following countries: the flat, concave, and convex grinding machines came from Czechoslovakia; the lathes were made by the Rákosi Mátyás Works and the Tool and Machine Factory[2] (Szerszám- es Gépgyár) in Hungary; and the special machines are of Swiss origin. All hardening furnaces were made in Hungary. The forge equipment came from East Germany.

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[redacted] Comments:

1. Production plan for special-purpose annular and disk bearings (see paragraph 4 g) was not stated.

2. [redacted] possible means Machine Tool Factory (Szerszámgépgyár), the former MAVAG plant. 25X1